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NOTICE OF ALLOWANCE AND FEE(S) DUE

25297 7590 10/13/2010

JENKINS, WILSON, TAYLOR & HUNT, P. A.
3100 Tower Blvd.
Suite 1200
DURHAM, NC 27707

EXAMINER

FIELDS, BENJAMIN S

ART UNIT

PAPER NUMBER

3684

DATE MAILED: 10/13/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/569,013

09/05/2006

Richard W. Whiting

1483/3/2 PCT/US

1737

TITLE OF INVENTION: METHODS AND SYSTEMS FOR FACILITATING TRANSACTIONS BETWEEN COMMERCIAL BANKS AND POOLED DEPOSITOR GROUPS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	01/13/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

25297 7590 10/13/2010

JENKINS, WILSON, TAYLOR & HUNT, P. A.
3100 Tower Blvd.
Suite 1200
DURHAM, NC 27707

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/569,013 09/05/2006 Richard W. Whiting 1483/3/2 PCT/US 1737

TITLE OF INVENTION: METHODS AND SYSTEMS FOR FACILITATING TRANSACTIONS BETWEEN COMMERCIAL BANKS AND POOLED DEPOSITOR GROUPS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional YES \$755 \$300 \$0 \$1055 01/13/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
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FIELDS, BENJAMIN S 3684 705-039000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/569,013	09/05/2006	Richard W. Whiting	1483/3/2 PCT/US	1737
25297	7590	10/13/2010	EXAMINER	
JENKINS, WILSON, TAYLOR & HUNT, P. A. 3100 Tower Blvd. Suite 1200 DURHAM, NC 27707			FIELDS, BENJAMIN S	
			ART UNIT	PAPER NUMBER
			3684	
DATE MAILED: 10/13/2010				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	10/569,013	WHITING ET AL.	
	Examiner	Art Unit	
	BENJAMIN S. FIELDS	3684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 30 September 2010.
2. ☒ The allowed claim(s) is/are 5,9,12,14-16,18-21,27,31,34 and 36-38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>30 September 2010</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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DETAILED ACTION

Introduction

Status of Application

1. The Examiner notes that this Application (Application No. 10/569,013) is a 371 National Stage entry of PCT/US04/27238, having an International Filing Date of 23 August 2004 and is related to pending Application No. 10/645,778 which contains similar subject matter.
2. The Examiner notes that a Terminal Disclaimer has been filed 2 October 2008 and has been previously approved.
3. A **request for continued examination (RCE)** under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), **was filed** in this application **AFTER FINAL rejection**. Since this application is **eligible** for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the **FINALITY** of the previous Office action has been **WITHDRAWN** pursuant to 37 CFR 1.114. Applicants submission filed on 30 September 2010 has been entered.

Response to Amendments/Status of Claims

4. The Applicants have submitted an Information Disclosure Statement (IDS) (mail date: 30 September 2010) which has been considered by the Examiner. A copy of such review for documentation has been attached to this correspondence.
5. Applicants Amendment has been acknowledged in that: **NO Claims have been newly cancelled; NO Claims have been newly added; Claims 5, 9, 18, 27, and 31**

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have been newly amended; hence, as such, **Claims 5, 9, 12, 14-16, 18-21, 27, 31, 34, and 36-38 are pending within this application.**

Allowable Subject Matter

6. Claims 5, 9, 12, 14-16, 18-21, 27, 31, 34, and 36-38 are pending for allowance.

The following is an examiner's statement of reasons for allowance:

The closest prior art of record are Bent et al. (US PG Pub. No. 2006/0212385), [hereinafter Bent], Jacobsen (US PG Pub. No. 2003/0023529), [hereinafter Jacobsen], and Sheehan et al. (US Pat. No. 7,328,179), [hereinafter Sheehan].

Bent discloses a system and method which provides interest to a client's deposited funds without limitation on the number of demand withdrawals from deposit accounts. This is accomplished by an administration system that keeps all of the records for the client's deposits and withdrawals, calculates the total of the deposits and withdrawals for all clients, and uses the calculation to determine whether funds are deposited to or withdrawn from one or more deposit accounts in which all client's deposit funds are kept. Clients can make unlimited withdrawals, such as by check, credit card, debit card, or electronic transfer, through the administrator. By placing the administrator as the holder of the deposit account(s), exemptions to the limitation on earning interest in demand accounts is facilitated; additionally, dispersing the deposit account funds among multiple banks allows the client to obtain FDIC insurance for all of

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the deposited funds, which may amount to insurance in excess of the statutory maximum allowed.

Jacobsen shows an interchange service that allows member banks participating in the service to offer their customers multiple certificates of deposit ("Multi-CDs") so that large deposits exceeding an applicable Federal deposit insurance limit are fully insured. The Interchange partitions each of the large deposits into a plurality of deposit portions that do not exceed the Federal deposit insurance limit. The deposit portions are assigned to the member banks so that, for each member bank, the difference between funds flowing out of and into each member bank is minimized or eliminated. Differences in deposit terms offered by each of the member banks are monetized and resolved through the calculation and payment of present value payments, which are transferred between member banks that have different sets of deposit terms.

Sheehan teaches a method and system for determining a useful life of financial instruments, such as financial assets and liabilities. A dynamic calculation of a first retention rate is performed for each of several financial assets; a steady-state calculation of a second retention rate is performed for the financial assets; and the first and second retention rates are combined to determine a predicted useful life of the combined financial assets. Optionally, one of several variables affecting at least one of the retention rates is selected. A sensitivity of financial asset variables to other financial asset variables is determined. Scenarios are forecast, extrapolated from the retention rate. The financial assets may include deposits and/or financial instruments. Outliers in the financial assets may be checked, in one variation of the invention. Exogenous

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variables may be included in at least one of the calculations. The exogenous variables are selected from the set including seasonal variables, day-of-the-month variables, treasury interest rates, deposit rates, local unemployment rate, local personal income, and local retail sales, and the like. Interest rate spread may be included in at least one of the calculations. Forecast scenarios may include future values for use in at least one of the calculations. The future values may be selected from the set including forecast treasure rates, forecast horizon, forecast deposits, forecast retention rates, and forecast interest rates.

Independent Claims 5, 9, 18, 27, and 31 and their dependent Claims 12, 14-16, 19-21, 34, and 36-38 are allowed because the closest prior art references Bent, Jacobsen, and Sheehan when taken either individually or in any combination fail to teach, fairly suggest, or render obvious to one of ordinary skill in the art the step of: “ ... aggregating, prior to the depositing of the funds available for deposit with the commercial banks and using the control center with the at least one computer, the deposit needs of the depositor groups to provide a stable funds source including the aggregated funds available from the plural different depositor groups, which are usable by the commercial banks as stable deposits; ... ”.

Dependent Claims 12, 14-16, 19-21, 34, and 36-38 are dependent upon Independent Claims 5, 9, 18, 27, and 31 and thus have all the limitations of Claims 5, 9, 18, 27, and 31, and are therefore, allowable for that reason.

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7. Therefore, Claims 5, 9, 12, 14-16, 18-21, 27, 31, 34, and 36-38 are allowable over the prior art of record as argued by the Applicants representative in the response filed 30 September 2010.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN S. FIELDS whose telephone number is 571.272.9734. The examiner can normally be reached MONDAY THRU FRI between the hours of 9AM and 7PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, KAMBIZ ABDI can be reached at 571.272.6702. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thomas Dixon/

Primary Examiner, Art Unit 3684

BENJAMIN S. FIELDS

5 October 2010